

Title (en)

Shielded electrical connector with a folded wall

Title (de)

Abgeschirmter elektrischer Verbinder mit gefalteter Wand

Title (fr)

Connecteur électrique blindé ayant une paroi pliée

Publication

**EP 1089395 A1 20010404 (EN)**

Application

**EP 00120630 A 20000921**

Priority

US 40963699 A 19991001

Abstract (en)

An electromagnetic shield (30) is provided for at least one electronic component (10). The shield includes an electrically conductive enclosure having walls (36,38,40, 60) defining an open end (32) at a mating face (22) of the component. A flexible elongated ground arm (42,44) is integrally formed from the walls and extends generally parallel to the mating face (22). The ground arm includes a contact portion (50) for engaging a conductive ground portion (14) of a complementary mating electronic component (12). A portion (40) of the walls is folded over in an area in registry with the ground arm (42,44) to minimize electromagnetic leakage about the ground arm. <IMAGE>

IPC 1-7

**H01R 13/658**; **H01R 12/16**

IPC 8 full level

**H01R 12/16** (2006.01); **H01R 12/50** (2011.01); **H01R 13/658** (2006.01)

CPC (source: EP US)

**H01R 13/6583** (2013.01 - EP US)

Citation (search report)

- [A] EP 0893854 A2 19990127 - MOLEX INC [US]
- [A] US 5800204 A 19980901 - NIITSU TOSHIHIRO [JP]
- [A] US 5637015 A 19970610 - TAN HAW-CHAN [US], et al

Cited by

CN104978788A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1089395 A1 20010404**; CN 1183634 C 20050105; CN 1290979 A 20010411; TW 504053 U 20020921; US 6200165 B1 20010313

DOCDB simple family (application)

**EP 00120630 A 20000921**; CN 00132331 A 20000930; TW 89216755 U 20000927; US 40963699 A 19991001